

#### **ABSTRACT OF THE DISCLOSURE**

Disclosed is an autothermal aerobic digestion system having closed defoaming system. The system according to the present invention completely controls light and heavy foam by using a series of aeration venturi and defoamer venturi and a foam collector pipe. According to this invention, an internal pressure of a digester is elevated by using inversely troublesome foam, so pathogenic microorganisms is destroyed. In addition to, by using simple venturi, an air inlet, defoaming and a recycling of a warm air can be achieved.